

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-190987-1

Client Project/Site: Kewanee Dierzen Site

For:

Tetra Tech EM Inc.
1 South Wacker Drive 37 Floor
Ste. 3700
Chicago, Illinois 60606

Attn: Andre Baker



Authorized for release by:
11/12/2020 3:56:10 PM

Jim Knapp, Project Manager II
(630)758-0262
Jim.Knapp@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Tetra Tech EM Inc.
Project/Site: Kewanee Dierzen Site

Job ID: 500-190987-1

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Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-190987-1

Comments

No additional comments.

Receipt

The samples were received on 11/12/2020 1:11 PM; the samples arrived in good condition, and where required, properly preserved and on ice.

Subcontract non-Sister

See attached subcontract report.



EMLab P&K

Report for:

Jim Knapp
TestAmerica-University Park, IL
2417 Bond St.
University Park, IL 60466

Regarding: Project: 1168715 ETH-20
EML ID: 2519057

Approved by:

Cluster Leader
Dr. Kamash Pillai

Dates of Analysis:
Asbestos PLM: 11-11-2020

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 600194-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K1815 West Diehl Road, Suite 800, Naperville, IL 60563
(866) 871-1984 Fax (856) 334-1040 www.emlab.comClient: TestAmerica-University Park, IL
C/O: Jim Knapp
Re: 1168715 ETH-20Date of Receipt: 11-09-2020
Date of Report: 11-12-2020**ASBESTOS PLM REPORT**

Total Samples Submitted:	6
Total Samples Analyzed:	6
Total Samples with Layer Asbestos Content > 1%:	5

Location: Kew-Bulk-001-200611

Lab ID-Version‡: 12001010-1

Sample Layers	Asbestos Content
White Insulation	40% Amosite
Sample Composite Homogeneity:	Moderate

Location: Kew-Bulk-002-200611

Lab ID-Version‡: 12001011-1

Sample Layers	Asbestos Content
Light Brown Pipe Insulation	40% Chrysotile
Gray Wrap	ND
Composite Non-Asbestos Content:	25% Cotton
Sample Composite Homogeneity:	Moderate

Location: Kew-Bulk-003-200611

Lab ID-Version‡: 12001012-1

Sample Layers	Asbestos Content
White Pipe Insulation	40% Amosite
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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C/O: Jim Knapp
Re: 1168715 ETH-20Date of Receipt: 11-09-2020
Date of Report: 11-12-2020**ASBESTOS PLM REPORT****Location: Kew-Bulk-004-200611**

Lab ID-Version‡: 12001013-1

Sample Layers	Asbestos Content
Light Gray Transite	12% Chrysotile
Sample Composite Homogeneity:	Good

Location: Kew-Bulk-005-200611

Lab ID-Version‡: 12001014-1

Sample Layers	Asbestos Content
Light Gray Transite	12% Chrysotile
Sample Composite Homogeneity:	Good

Location: Kew-Bulk-006-200611

Lab ID-Version‡: 12001015-1

Sample Layers	Asbestos Content
White Non-Fibrous Material	ND
Sample Composite Homogeneity:	Good

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EMLab P&K, LLC

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EMLab 1815 W Diehl RD, #800
Napa, CA 94558
EMLab P&K

[illegible][illegible]

SAMPLE TYPE CODES		RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
A - Air	W - Wide		10-06-2020		10-20-2020
B - Bulk	T - Tape				11-11-2020
D - Dust	R - Rock				11-11-2020
SO - Soil	O - Other				11-11-2020
					11-11-2020

By submitting this C
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Comments of Service
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